## Florida Department of Transportation Bid Solicitation Notice and Approximate Quantities

Letting: 05160329 Call Order: 001 Proposal: E5Y06 District:05

Counties: DIST/ST-WIDE

Road Name: ACTIVE ARTERIAL MANAGEMENT 2 - ATMS - ARTERIAL TRAFFIC MGMT

Limits: 75000154

Project(s): 43544325201(\*) Federal Aid No: N/A

Total Roadway Length: 30.982 Miles Contract Days: 225

Total Bridge Length: 0.000 Miles Letting Date: 03/29/16

Total Proposal Length: 30.982 Miles Contract Execution Days:

Special Start Date: N/A

Aquis/Flexible Start Time:

Proposal Budget Estimate: \$1,115,429.00

Please read the full advertisement

Description:
FDOT District 5
Proposal ID: E5Y06
Project No: 435443-2-52-01
Fiscal Year: 2016

Counties: Orange and Seminole Contract Calendar Days: 225 Lead Time: 30 Days

The Improvements under this Contract consist of "Active Arterial Management" which includes the location and placement of Intelligent Transportation System conduit, fiber optical cable, communication devices, and vehicle detection devices along the arterial roadways of

SR 436, US 17/92, US 441, SR 482, SR 535, Turkey Lake Road, World Center Drive, Kirkman Road, Landstreet Road, SR 414, SR 423, and SR 50 within Orange County and Seminole County that are identified in the plans.

The summary of pay items for this project is listed in the Plans.

## Florida Department of Transportation Bid Solicitation Notice and Approximate Quantities

Section 0001 Roadway			Call Order: 001 Proposal: E5Y06		
0101- 1- MOBILIZATION (43544325201)         LS         1.000           0102- 1- MAINTENANCE OF TRAFFIC (43544325201)         LS         1.000           0999- 25- INITIAL CONTINGENCY AMOUNT, DO NOT BID (43544325201)         LS         1.000           Section 0002 Intelligent Transportation System           0630- 2-11         CONDUIT, FURNISH & INSTALL, OPEN TRENCH         LF         8,784.000           0630- 2-12         CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE         LF         6,780.000           0633- 1-121         FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS         LF         1,015.000           0633- 1-123         FIBER OPTIC CONNECTION, INSTALL, SPLICE         EA         190.000           0633- 2-31         FIBER OPTIC CONNECTION, INSTALL, SPLICE         EA         190.000           0633- 2-32         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         14.000           0633- 3-11         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         14.000           0633- 3-15         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         14.000           0633- 2-11         MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL         LF         28,728.000           0635- 2-13         PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE         EA         99.000	ALT	Item	Description	Unit	Quantity
0102- 1-   MAINTENANCE OF TRAFFIC (43544325201)   LS   1.000	Sectio	n 0001 Roadway			
Section 0002 Intelligent Transportation System         LS         1.000           Section 0002 Intelligent Transportation System         1         CONDUIT, FURNISH & INSTALL, OPEN TRENCH         LF         8,784.000           0630- 2- 12         CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE         LF         6,780.000           0633- 1-121         FIBER OPTIC CABLE, F&I, UNDERGROUND, 2-12 FIBERS         LF         1,015.000           0633- 1-123         FIBER OPTIC CONNECTION, INSTALL, SPLICE         EA         190.000           0633- 2- 31         FIBER OPTIC CONNECTION, INSTALL, SPLICE         EA         190.000           0633- 3- 11         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         14.000           0633- 3- 11         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         14.000           0633- 3- 15         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         14.000           0633- 3- 16         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         14.000           0633- 3- 17         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         24.000           0633- 2- 211         PULL & SPLICE BOX, F&I, 30° X 24° COVER SIZE         EA         99.000           0635- 2- 2- 13		0101- 1-	MOBILIZATION (43544325201)	LS	1.000
Section 0002 Intelligent Transportation System           0630- 2-11         CONDUIT, FURNISH & INSTALL, OPEN TRENCH         LF         8,784.000           0630- 2-12         CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE         LF         6,780.000           0633- 1-121         FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS         LF         1,015.000           0633- 1-123         FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS         LF         17,265.000           0633- 2-31         FIBER OPTIC CONNECTION, INSTALL, SPLICE         EA         190.000           0633- 2-32         FIBER OPTIC CONNECTION, INSTALL, TERMINATION         EA         12.000           0633- 3-11         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         14.000           0633- 3-15         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY         EA         14.000           0633- 8-1         MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL         LF         28,728.000           0635- 2-11         PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE         EA         99.000           0635- 2-13         PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND         EA         1.000           0660- 3-11         VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL         EA         22.000           0660- 6-122 <td< td=""><td></td><td>0102- 1-</td><td>MAINTENANCE OF TRAFFIC (43544325201)</td><td>LS</td><td>1.000</td></td<>		0102- 1-	MAINTENANCE OF TRAFFIC (43544325201)	LS	1.000
0630- 2- 11         CONDUIT, FURNISH & INSTALL, OPEN TRENCH         LF         8,784.000           0630- 2- 12         CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE         LF         6,780.000           0633- 1-121         FIBER OPTIC CABLE, F&I, UNDERGROUND, 2-12 FIBERS         LF         1,015.000           0633- 1-123         FIBER OPTIC CABLE, F&I, UNDERGROUND, 49-96 FIBERS         LF         17,265.000           0633- 2- 31         FIBER OPTIC CONNECTION, INSTALL, SPLICE         EA         190.000           0633- 2- 32         FIBER OPTIC CONNECTION, INSTALL, TERMINATION         EA         12.000           0633- 3- 11         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         14.000           0633- 3- 15         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY         EA         14.000           0633- 8- 1         MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL         LF         28,728.000           0635- 2- 11         PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE         EA         99.000           0635- 2- 13         PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND         EA         1.000           0646- 1- 11         ALUMINUM SIGNALS POLE, PEDESTAL         EA         25.000           0660- 3- 12         VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL         EA         22.000		0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43544325201)	LS	1.000
0630-         2-12         CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE         LF         6,780.000           0633-         1-121         FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS         LF         1,015.000           0633-         1-123         FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS         LF         17,265.000           0633-         2-31         FIBER OPTIC CONNECTION, INSTALL, SPLICE         EA         190.000           0633-         2-32         FIBER OPTIC CONNECTION, INSTALL, TERMINATION         EA         12.000           0633-         3-11         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         14.000           0633-         3-12         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY         EA         14.000           0633-         3-15         FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED         EA         21.000           0633-         3-16         FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED         EA         21.000           0633-         3-17         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY         EA         21.000           0633-         3-10         MULTI-CONDUCTOR COMMUNICATION CABLE, FWINISH & INSTALL         LF         28,728.000           0633-         12         PULL & SPLICE BOX, F&I, 30° X 60° RECTANGULAR O	Sectio	n 0002 Intelligen	t Transportation System		
0633-         1-121         FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS         LF         1,015.000           0633-         1-123         FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS         LF         17,265.000           0633-         2-31         FIBER OPTIC CONNECTION, INSTALL, SPLICE         EA         190.000           0633-         2-32         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         14.000           0633-         3-11         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY         EA         14.000           0633-         3-15         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY         EA         21.000           0633-         8-1         MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL         LF         28,728.000           0635-         2-11         PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE         EA         99.000           0635-         2-13         PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND         EA         1.000           0646-         1-11         ALUMINUM SIGNALS POLE, PEDESTAL         EA         25.000           0660-         3-11         VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL         EA         22.000           0660-         3-12         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & I		0630- 2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	8,784.000
0633-         1-123         FIBER OPTIC CABLE, F&I, UNDERGROUND, 49-96 FIBERS         LF         17,265.00           0633-         2-31         FIBER OPTIC CONNECTION, INSTALL, SPLICE         EA         190.00           0633-         2-32         FIBER OPTIC CONNECTION, INSTALL, TERMINATION         EA         12.00           0633-         3-11         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY         EA         14.00           0633-         3-12         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY         EA         14.00           0633-         3-15         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY         EA         21.00           0633-         8-1         MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL         LF         28,728.00           0635-         2-11         PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE         EA         99.00           0635-         2-13         PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND         EA         1.00           0646-         1-11         ALUMINUM SIGNALS POLE, PEDESTAL         EA         25.00           0660-         3-11         VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL         EA         22.00           0660-         3-12         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, ABOVE GROUND E		0630- 2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	6,780.000
0633- 2- 31         FIBER OPTIC CONNECTION, INSTALL, SPLICE         EA         190.000           0633- 2- 32         FIBER OPTIC CONNECTION, INSTALL, TERMINATION         EA         12.000           0633- 3- 11         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         14.000           0633- 3- 12         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY         EA         14.000           0633- 3- 15         FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED         EA         21.000           0633- 8- 1         MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL         LF         28,728.000           0635- 2- 11         PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE         EA         99.000           0635- 2- 13         PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND         EA         1.000           0646- 1- 11         ALUMINUM SIGNALS POLE, PEDESTAL         EA         25.000           0660- 3- 11         VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL         EA         22.000           0660- 3- 12         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & EA         33.000           0660- 6-122         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE GROUND EQUIPMENT         EA         10.000           0660- 6-422         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE GROUND EQUIPMENT		0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	1,015.000
0633- 2- 32         FIBER OPTIC CONNECTION, INSTALL, TERMINATION         EA         12.000           0633- 3- 11         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         14.000           0633- 3- 12         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY         EA         14.000           0633- 3- 15         FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED         EA         21.000           0633- 8- 1         MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL         LF         28,728.000           0635- 2- 11         PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE         EA         99.000           0635- 2- 13         PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND         EA         1.000           COVER SIZE         EA         99.000           0646- 1- 11         ALUMINUM SIGNALS POLE, PEDESTAL         EA         25.000           0660- 3- 11         VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL         EA         22.000           0660- 3- 12         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & EA         33.000           0660- 6-122         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE GROUND EQUIPMENT         EA         10.000           0660- 6-422         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE GROUND EQUIPMENT         EA         22.000		0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	17,265.000
0633- 3- 11         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE         EA         14.000           0633- 3- 12         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY         EA         14.000           0633- 3- 15         FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED         EA         21.000           0633- 8- 1         MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL         LF         28,728.000           0635- 2- 11         PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE         EA         99.000           0635- 2- 13         PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND         EA         1.000           COVER SIZE         EA         99.000           0646- 1- 11         ALUMINUM SIGNALS POLE, PEDESTAL         EA         25.000           0660- 3- 11         VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL         EA         22.000           0660- 3- 12         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT         EA         33.000           0660- 6-122         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE GROUND EQUIPMENT         EA         10.000           0670- 5-400         TRAFFIC CONTROLLER ASSEMBLY, MODIFY         AS         22.000           0676- 3- 10         SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS         EA         22.000		0633- 2-31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	190.000
0633- 3- 12         FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY         EA         14.000           0633- 3- 15         FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED         EA         21.000           0633- 8- 1         MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL         LF         28,728.000           0635- 2- 11         PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE         EA         99.000           0635- 2- 13         PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND         EA         1.000           0646- 1- 11         ALUMINUM SIGNALS POLE, PEDESTAL         EA         25.000           0660- 3- 11         VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL         EA         22.000           0660- 3- 12         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & EA         33.000           0660- 6-122         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & EA         10.000           0660- 6-422         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE GROUND EQUIPMENT         EA         10.000           0670- 5-400         TRAFFIC CONTROLLER ASSEMBLY, MODIFY         AS         22.000           0676- 3- 10         SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS         EA         22.000           0684- 1- 1         MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL         EA         14.000 </td <td></td> <td>0633- 2-32</td> <td>FIBER OPTIC CONNECTION, INSTALL, TERMINATION</td> <td>EA</td> <td>12.000</td>		0633- 2-32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	12.000
0633- 3- 15         FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED         EA         21.000           0633- 8- 1         MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL         LF         28,728.000           0635- 2- 11         PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE         EA         99.000           0635- 2- 13         PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND         EA         1.000           0646- 1- 11         ALUMINUM SIGNALS POLE, PEDESTAL         EA         25.000           0660- 3- 11         VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL         EA         22.000           0660- 3- 12         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT         EA         33.000           0660- 6-122         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE GROUND EQUIPMENT         EA         10.000           0670- 5-400         TRAFFIC CONTROLLER ASSEMBLY, MODIFY         AS         22.000           0676- 3- 10         SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS         EA         22.000           0684- 1- 1         MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL         EA         14.000           0684- 2- 1         DEVICE SERVER, FURNISH & INSTALL         EA         22.000		0633- 3-11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	14.000
PATCH PANEL  0633- 8- 1 MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL LF 28,728.000  0635- 2- 11 PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE EA 99.000  0635- 2- 13 PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND EA 1.000  COVER SIZE  0646- 1- 11 ALUMINUM SIGNALS POLE, PEDESTAL EA 25.000  0660- 3- 11 VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL EA 22.000  CABINET EQUIPMENT  0660- 3- 12 VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, EA 22.000  MOGO- 6-122 VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & EA 33.000  INSTALL, ABOVE GROUND EQUIPMENT  0660- 6-422 VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE EA 10.000  GROUND EQUIPMENT  0670- 5-400 TRAFFIC CONTROLLER ASSEMBLY, MODIFY AS 22.000  0676- 3- 10 SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS EA 22.000  THAN 10"W X 13"H X 11" D  0684- 1- 1 MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL EA 14.000  0684- 2- 1 DEVICE SERVER, FURNISH & INSTALL EA 22.000		0633- 3-12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	14.000
0635- 2-11         PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE         EA         99.000           0635- 2-13         PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE         EA         1.000           0646- 1-11         ALUMINUM SIGNALS POLE, PEDESTAL         EA         25.000           0660- 3-11         VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT         EA         22.000           0660- 3-12         VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT         EA         33.000           0660- 6-122         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & EA         10.000           0660- 6-422         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE EA         10.000           0670- 5-400         TRAFFIC CONTROLLER ASSEMBLY, MODIFY         AS         22.000           0676- 3-10         SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS         EA         22.000           0684- 1- 1         MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL         EA         14.000           0684- 2- 1         DEVICE SERVER, FURNISH & INSTALL         EA         22.000		0633- 3-15	· · · ·	EA	21.000
0635- 2- 13         PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE         EA         1.000 COVER SIZE           0646- 1- 11         ALUMINUM SIGNALS POLE, PEDESTAL         EA         25.000 COVER SIZE           0660- 3- 11         VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT         EA         22.000 COVER SIZE           0660- 3- 12         VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT         EA         33.000 COVER SIZE           0660- 6-122         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & EA         10.000 COVER SIZE         EA         33.000 COVER SIZE           0660- 6-422         VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE GROUND EQUIPMENT         EA         10.000 COVER SIZE           0670- 5-400         TRAFFIC CONTROLLER ASSEMBLY, MODIFY         AS         22.000 COVER SIZE           0676- 3- 10         SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS         EA         22.000 COVER SIZE           0684- 1- 1         MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL         EA         14.000 COVER SIZE           0684- 2- 1         DEVICE SERVER, FURNISH & INSTALL         EA         22.000 COVER SIZE		0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	28,728.000
COVER SIZE  0646- 1- 11 ALUMINUM SIGNALS POLE, PEDESTAL EA 25.000  0660- 3- 11 VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL EA 22.000  0660- 3- 12 VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, EA ABOVE GROUND EQUIPMENT  0660- 6-122 VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & EA INSTALL, ABOVE GROUND EQUIPMENT  0660- 6-422 VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE EA 10.000  GROUND EQUIPMENT  0670- 5-400 TRAFFIC CONTROLLER ASSEMBLY, MODIFY AS 22.000  0676- 3- 10 SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS EA THAN 10"W X 13"H X 11" D  0684- 1- 1 MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL EA 14.000  0684- 2- 1 DEVICE SERVER, FURNISH & INSTALL EA 22.000		0635- 2-11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	99.000
0600- 3- 11 VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT  0660- 3- 12 VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT  0660- 6-122 VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & EA INSTALL, ABOVE GROUND EQUIPMENT  0660- 6-422 VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE GROUND EQUIPMENT  0670- 5-400 TRAFFIC CONTROLLER ASSEMBLY, MODIFY AS 22.000 0676- 3- 10 SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS THAN 10"W X 13"H X 11" D  0684- 1- 1 MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL EA 22.000		0635- 2-13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	1.000
CABINET EQUIPMENT  0660- 3- 12 VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, EA 22.000 ABOVE GROUND EQUIPMENT  0660- 6-122 VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & EA INSTALL, ABOVE GROUND EQUIPMENT  0660- 6-422 VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE EA 10.000 GROUND EQUIPMENT  0670- 5-400 TRAFFIC CONTROLLER ASSEMBLY, MODIFY AS 22.000 0676- 3- 10 SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS EA 22.000 THAN 10"W X 13"H X 11" D  0684- 1- 1 MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL EA 14.000 0684- 2- 1 DEVICE SERVER, FURNISH & INSTALL EA 22.000		0646- 1-11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	25.000
ABOVE GROUND EQUIPMENT  0660- 6-122 VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & EA 33.000 INSTALL, ABOVE GROUND EQUIPMENT  0660- 6-422 VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE GROUND EQUIPMENT  0670- 5-400 TRAFFIC CONTROLLER ASSEMBLY, MODIFY AS 22.000 O676- 3- 10 SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS EA 22.000 THAN 10"W X 13"H X 11" D  0684- 1- 1 MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL EA 14.000 O684- 2- 1 DEVICE SERVER, FURNISH & INSTALL EA 22.000		0660- 3-11		EA	22.000
INSTALL, ABOVE GROUND EQUIPMENT  0660- 6-422 VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH RELOCATE, ABOVE EA 10.000 GROUND EQUIPMENT  0670- 5-400 TRAFFIC CONTROLLER ASSEMBLY, MODIFY AS 22.000 OF 10.000 SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS EA 22.000 THAN 10"W X 13"H X 11" D  0684- 1- 1 MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL EA 14.000 OF 10.000 SERVER, FURNISH & INSTALL EA 22.000 SERVER, FURNISH & INSTALL SERVER, FURNISH &		0660- 3-12		EA	22.000
GROUND EQUIPMENT  0670- 5-400 TRAFFIC CONTROLLER ASSEMBLY, MODIFY AS 22.000  0676- 3- 10 SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS EA 22.000  THAN 10"W X 13"H X 11" D  0684- 1- 1 MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL EA 14.000  0684- 2- 1 DEVICE SERVER, FURNISH & INSTALL EA 22.000		0660- 6-122		EA	33.000
0676- 3- 10 SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS EA 22.000 THAN 10"W X 13"H X 11" D  0684- 1- 1 MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL EA 14.000 0684- 2- 1 DEVICE SERVER, FURNISH & INSTALL EA 22.000		0660- 6-422		EA	10.000
THAN 10"W X 13"H X 11" D  0684- 1- 1 MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL EA 14.000  0684- 2- 1 DEVICE SERVER, FURNISH & INSTALL EA 22.000		0670- 5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	22.000
0684- 2- 1 DEVICE SERVER, FURNISH & INSTALL EA 22.000		0676- 3-10		EA	22.000
		0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	14.000
0684- 5- 1 MEDIA CONVERTER, FURNISH & INSTALL EA 22.000		0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	22.000
		0684- 5- 1	MEDIA CONVERTER, FURNISH & INSTALL	EA	22.000